

TOP SECRET

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NIMA REVIEW COMPLETED

CIA/RR GP 62-357:L
7 December 1962
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**EFFECTIVE KEYHOLE COVERAGE OF
THE SOVIET RAIL NETWORK**

Summary

Ninety-four percent of the contiguous broad gauge rail line in the Soviet Union has been covered by KEYHOLE photography that is sufficiently interpretable for 15 nautical miles on both sides of the tracks to detect rail supported deployment of ICHM facilities of known configuration in an identifiable stage of construction.

The statistical summary of effective KEYHOLE coverage of the Soviet rail network follows. Missions are listed in inverse time order (most recent to oldest) and show net percentage of coverage per mission and cumulative net coverage since any particular mission. For example, almost 91 percent of the total Soviet rail network as defined for this report has been negated since

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Discussion

Several concepts employed in this paper have been fully defined in previous reports. The "best suited area" concept used in previous reports was not employed in this study. Net coverage was defined in [] and the method of calculating contiguous broad gauge rail line mileage was discussed in []

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The latter report also explicated "effective" coverage. New trackage which was not included in previous totals increased the calculated length of Soviet contiguous rail line to 132,830 kilometers or approximately 82,500 statute miles.

NRO and NIMA
review(s) completed.

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GROUP 1
Excluded from automatic
downgrading and
declassification

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**EFFECTIVE KEYHOLE COVERAGE OF THE
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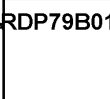
NET COVERAGE		
Kilometers	Percent of Total USSR Railroad	Cumulative Percent of Total USSR Railroad
33501	25.2	25.2
14330	10.8	36.0
1989	1.5	37.5
17897	13.5	51.0
9045	6.8	57.8
9590	7.2	65.0
1735	1.3	66.3
10674	8.1	74.4
6678	5.0	79.4
4260	3.2	82.6
8279	6.2	88.8
2312	1.8	90.6
1257	0.9	91.5
205	0.2	91.7
---	0.2	91.7
353	0.3	92.0
605	0.4	92.4
990	0.8	93.2
855	0.6	93.8

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	Kilometers	Percent of Total USRR Railroad	Cumulative Percent of Total USRR Railroad
	163	0.1	93.9
	290	0.2	94.1
	125006		
Not Covered	7822	5.9	100.0
TOTAL	132830		100.0

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